


Please type a plus sign (+) inside this box → 

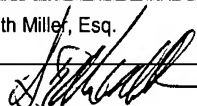
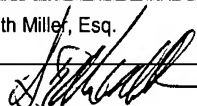
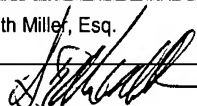
PTO/SB/05 (05-03)

Approved for use through 10/31/2002. OMB 0651-0032

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| | | | |
|--|--|--|--|
| UTILITY PATENT APPLICATION TRANSMITTAL | | Attorney Docket No. 4041J-000756 | |
| | | First Inventor Shinichi YATSUZUKA et al | |
| | | Title Steam Engine | |
| | | Express Mail Label No. EL 741 092 371 US | |
| (Only for new nonprovisional applications under 37 C.F.R. 1.53(b)) | | | |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--|-----------------------------------|----------------------------------|-----------------------------------|--------------|-----------|---|---------|-----------------|--|--|--|--|--|--|--|--|--|------|------------------|-------|----|----------|-------|---------|--------------------------|-----------|--------------|-----|--------------|
| APPLICATION ELEMENTS <i>See MPEP chapter 600 concerning utility patent application contents.</i> | ADDRESS TO: Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>1. <input checked="" type="checkbox"/> Fee Transmittal Form (e.g., PTO/SB/17) <i>(Submit an original and a duplicate for fee processing)</i></p> <p>2. <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27.</p> <p>3. <input checked="" type="checkbox"/> Specification [Total Pages 27] <i>(preferred arrangement set forth below)</i> - Descriptive title of the invention <input checked="" type="checkbox"/> Specification filed in English - Cross References to Related Applications - Statement Regarding Fed sponsored R & D - Reference to sequence listing, a table, or a computer program listing appendix - Background of the invention - Brief Summary of the invention - Brief Description of the Drawings (if filed) - Detailed Description - Claim(s) - Abstract of the Disclosure</p> <p>4. <input checked="" type="checkbox"/> Drawing(s) (35 U.S.C. 113) [Total Sheets 11]</p> <p>5. Oath or Declaration [Total Pages 3] a. <input checked="" type="checkbox"/> Newly executed (original or copy) b. <input type="checkbox"/> Copy from a prior application (37 CFR 1.63 (d)) <i>(for a continuation/divisional with Box 18 completed)</i> i. <input type="checkbox"/> DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).</p> <p>6. <input checked="" type="checkbox"/> Application Data Sheet. See 37 CFR 1.76</p> | <p>7. <input type="checkbox"/> CD-ROM or CD-R in duplicate, large table or Computer Program <i>(Appendix)</i></p> <p>8. Nucleotide and/or Amino Acid Sequence Submission <i>(if applicable, all necessary)</i> a. <input type="checkbox"/> Computer Readable Form (CRF) b. Specification Sequence Listing on: i. <input type="checkbox"/> CD-ROM or CD-R (2 copies); or ii. <input type="checkbox"/> paper c. <input type="checkbox"/> Statements verifying identity of above copies</p> <p>ACCOMPANYING APPLICATIONS PARTS</p> <p>9. <input checked="" type="checkbox"/> Assignment Papers (cover sheet & document(s))</p> <p>10. <input type="checkbox"/> 37 C.F.R. §3.73(b) Statement <input type="checkbox"/> Power of Attorney <i>(when there is an assignee)</i></p> <p>11. <input type="checkbox"/> English Translation Document <i>(if applicable)</i></p> <p>12. <input checked="" type="checkbox"/> Information Disclosure Statement (IDS)/PTO-1449 <input checked="" type="checkbox"/> Copies of IDS Citations</p> <p>13. <input type="checkbox"/> Preliminary Amendment</p> <p>14. <input checked="" type="checkbox"/> Return Receipt Postcard (MPEP 503) <i>(Should be specifically itemized)</i></p> <p>15. <input checked="" type="checkbox"/> Certified Copy of Priority Document(s) <i>(if foreign priority is claimed)</i></p> <p>16. <input type="checkbox"/> Request and Non Publication under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.</p> <p>17. <input type="checkbox"/> Other: _____</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:</p> <p><input type="checkbox"/> Continuation <input type="checkbox"/> Divisional <input type="checkbox"/> Continuation-in-part (CIP) of prior application No: _____ / _____</p> <p>Prior application information: Examiner _____ Group / Art Unit: _____</p> <p>For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.</p> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 17. CORRESPONDENCE ADDRESS | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p><input checked="" type="checkbox"/> Customer Number or Bar Code Label or <input type="checkbox"/> Correspondence address below</p> <div style="text-align: center; border: 1px solid black; padding: 5px; margin: 10px auto; width: 200px;">27572</div> <p><i>(Insert Customer No. or Attach bar code label here)</i></p> <table border="1" style="width: 100%; border-collapse: collapse;"><tr><td style="width: 20%;">Name</td><td colspan="5">Harness, Dickey & Pierce, P.L.C.</td></tr><tr><td rowspan="2">Address</td><td colspan="5">P.O. Box 828</td></tr><tr><td colspan="5"> </td></tr><tr><td>City</td><td>Bloomfield Hills</td><td>State</td><td>MI</td><td>Zip Code</td><td>48303</td></tr><tr><td>Country</td><td>United States of America</td><td>Telephone</td><td>248-641-1600</td><td>Fax</td><td>248-641-0270</td></tr></table> | | Name | Harness, Dickey & Pierce, P.L.C. | | | | | Address | P.O. Box 828 | | | | | | | | | | City | Bloomfield Hills | State | MI | Zip Code | 48303 | Country | United States of America | Telephone | 248-641-1600 | Fax | 248-641-0270 |
| Name | Harness, Dickey & Pierce, P.L.C. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Address | P.O. Box 828 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| City | Bloomfield Hills | State | MI | Zip Code | 48303 | | | | | | | | | | | | | | | | | | | | | | | | | |
| Country | United States of America | Telephone | 248-641-1600 | Fax | 248-641-0270 | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1" style="width: 100%; border-collapse: collapse;"><tr><td style="width: 30%;">Name (Print/Type)</td><td>H. Keith Miller, Esq.</td><td style="width: 30%;">Registration No. (Attorney/Agent)</td><td>22,484</td></tr><tr><td>Signature</td><td></td><td>Date</td><td>August 22, 2003</td></tr></table> | | Name (Print/Type) | H. Keith Miller, Esq. | Registration No. (Attorney/Agent) | 22,484 | Signature |  | Date | August 22, 2003 | | | | | | | | | | | | | | | | | | | | | |
| Name (Print/Type) | H. Keith Miller, Esq. | Registration No. (Attorney/Agent) | 22,484 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Signature |  | Date | August 22, 2003 | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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**FEE TRANSMITTAL
for FY 2003**

Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT** (\$) 790**Complete if Known**

| | |
|----------------------|--------------------------|
| Application Number | unassigned yet |
| Filing Date | August 22, 2003 |
| First Named Inventor | Shinichi YATSUZUKA et al |
| Examiner Name | |
| Group / Art Unit | |
| Attorney Docket No. | 4041J-000756 |

METHOD OF PAYMENT (check all that apply)
☒ Check ☐ Credit card ☐ Money ☐ Other ☐ None
Order
☐ Deposit Account:Deposit
Account
Number
08-0750Deposit
Account
Name
Harness, Dickey & Pierce, P.L.C.

The Commissioner is authorized to: (check all that apply)

☐ Charge fee(s) indicated below ☒ Credit any overpayments
☐ Charge any additional fee(s) during the pendency of this application
☐ Charge fee(s) indicated below, **except for the filing fee**
to the above-identified deposit account.
FEE CALCULATION**1. BASIC FILING FEE**

| Large Entity | | Small Entity | | Fee Description | Fee Paid |
|---------------------|----------|--------------|----------|------------------------|-----------------|
| Fee Code | Fee (\$) | Fee Code | Fee (\$) | | |
| 1001 | 750 | 2001 | 375 | Utility filing fee | 750 |
| 1002 | 330 | 2002 | 165 | Design filing fee | |
| 1003 | 520 | 2003 | 260 | Plant filing fee | |
| 1004 | 750 | 2004 | 375 | Reissue filing fee | |
| 1005 | 160 | 2005 | 80 | Provisional filing fee | |
| SUBTOTAL (1) | | | | | (\$ 750) |

2. EXTRA CLAIM FEES

| | | | | | | | | | |
|--------------------|----|--------|---|---|---|----------------|---|---|----------|
| Total Claims | 15 | -20 ** | = | 0 | X | Fee from below | = | 0 | Fee Paid |
| Independent Claims | 2 | -3 ** | = | 0 | X | | = | 0 | |
| Multiple Dependent | | | | | X | | = | 0 | |

| Large Entity | | Small Entity | | Fee Description | Fee Paid |
|---------------------|----------|--------------|----------|--|---------------|
| Fee Code | Fee (\$) | Fee Code | Fee (\$) | | |
| 1202 | 18 | 2202 | 9 | Claims in excess of 20 | |
| 1201 | 84 | 2201 | 42 | Independent claims in excess of 3 | |
| 1203 | 280 | 2203 | 140 | Multiple dependent claim, if not paid | |
| 1204 | 84 | 2204 | 42 | ** Reissue independent claims over original patent | |
| 1205 | 18 | 2205 | 9 | ** Reissue claims in excess of 20 and over original patent | |
| SUBTOTAL (2) | | | | | (\$ 0) |

**or number previously paid, if greater; For Reissues, see above

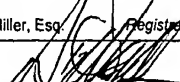
FEE CALCULATION (continued)**3. ADDITIONAL FEES**

| Large Entity | | Small Entity | | Fee Description | Fee Paid |
|--------------|----------|--------------|----------|--|----------|
| Fee Code | Fee (\$) | Fee Code | Fee (\$) | | |
| 1051 | 130 | 2051 | 65 | Surcharge - late filing fee or oath | |
| 1052 | 50 | 2052 | 25 | Surcharge - late provisional filing fee or cover sheet | |
| 1053 | 130 | 1053 | 130 | Non-English specification | |
| 1812 | 2,520 | 1812 | 2,520 | For filing a request for reexamination | |
| 1804 | 920* | 1804 | 920* | Requesting publication of SIR prior to Examiner action | |
| 1805 | 1,840* | 1805 | 1,840* | Requesting publication of SIR after Examiner action | |
| 1251 | 110 | 2251 | 55 | Extension for reply within first month | |
| 1252 | 410 | 2252 | 205 | Extension for reply within second month | |
| 1253 | 930 | 2253 | 465 | Extension for reply within third month | |
| 1254 | 1,450 | 2254 | 725 | Extension for reply within fourth month | |
| 1255 | 1,970 | 2255 | 985 | Extension for reply within fifth month | |
| 1401 | 320 | 2401 | 160 | Notice of Appeal | |
| 1402 | 320 | 2402 | 160 | Filing a brief in support of an appeal | |
| 1403 | 280 | 2403 | 140 | Request for oral hearing | |
| 1451 | 1,510 | 1451 | 1,510 | Petition to institute a public use proceeding | |
| 1452 | 110 | 2452 | 55 | Petition to revive - unavoidable | |
| 1453 | 1,300 | 2453 | 650 | Petition to revive - unintentional | |
| 1501 | 1,300 | 2501 | 650 | Utility issue fee (or reissue) | |
| 1502 | 470 | 2502 | 235 | Design issue fee | |
| 1503 | 630 | 2503 | 315 | Plant issue fee | |
| 1460 | 130 | 1460 | 130 | Petitions to the Commissioner | |
| 1807 | 50 | 1807 | 50 | Processing fee under 37 CFR 1.17 (q) | |
| 1806 | 180 | 1806 | 180 | Submission of Information Disclosure Stmt | |
| 8021 | 40 | 8021 | 40 | Recording each patent assignment per property (times number of properties) | 40 |
| 1809 | 750 | 2809 | 375 | Filing a submission after final rejection (37 CFR § 1.129(a)) | |
| 1810 | 750 | 2810 | 375 | For each additional invention to be examined (37 CFR § 1.129(b)) | |
| 1801 | 750 | 2801 | 375 | Request for Continued Examination (RCE) | |
| 1802 | 900 | 1802 | 900 | Request for expedited examination of a design application | |

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 40)**SUBMITTED BY****Complete (if applicable)**

| | | | | | |
|-------------------|---|---------------------------------|--------|-----------|-----------------|
| Name (Print/Type) | H. Keith Miller, Esq. | Registration No. Attorney/Agent | 22,484 | Telephone | 248-641-1600 |
| Signature |  | | | Date | August 22, 2003 |

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